



PRODUCT INFORMATION

Urethane; Polyurethane: Solventbased Aliphatic Polyester Lacquer

QC4820

PRODUCT DESCRIPTION

QC4820 is an aliphatic polyester urethane with physical properties that are ideal for a wide variety of surface coating applications. It has excellent abrasion and weathering resistance.

QC4820 cures by solvent evaporation. The resulting dried film exhibits excellent tensile strength, elongation, abrasion resistance and both light stability and hydrolytic stability.

DILUTION SOLVENTS

Xylol and PM Solvent

APPLICATIONS

- Ink & Paint Binder
- Base Coat for Screen Printing
- Clear Hard Top Coat

TECHNICAL INFORMATION:

% Solids	27% ± 1.5
Viscosity, @ 25°C	9,000 to 13,000 cps
Wt./Gallon	7.9 lbs ± .1
Color	Clear
Solvent System	P.M. Solvent, Xylol, Ethanol

Typical Properties:

Tensile ¹	6,000-12,000 psi (average)
Modulus @ 100%	1491 psi
Modulus @ 200%	1980 psi
Modulus @ 300%	3800 psi
Elongation ¹	450-500%



PRODUCT INFORMATION

TEST METHODS (ASTM Method)

% Solids - D-2369	Viscosity - D-2196
Tensile - D-41	Wt/Gal - D-1475
Elongation - D-412	Appearance – E-284

¹Instron tester; films pulled at 2 inches per minute

02/15